

ABSTRACT

A mobile phone includes a phone body 1 having a wireless transmitting and receiving function of an image and sound and a virtual image optical display device 2 for forming a virtual image on a retina of an eye of a user by passing image information from an image information driving part 3 through an imaging optical system. The virtual image optical display device 2 positioned in front of the eye of the user is made as small as possible to make an eyepiece part of the mobile phone compact. An imaging optical system 4 of the virtual image optical display device 2 is separated into an optical system 4a on an image information driving part side and an optical system 4c on an eyepiece part side via a folding part 4b. The optical system 4c on the eyepiece part side is mounted on the arm 6 attached to the phone body 1 through the hinge 5. A length between a position of the phone body 1 contact with the ear of the user and the hinge 5, an angle of the arm 6 and the phone body 1 in using the phone, and a length of the arm 6 are determined under ergonomically optimum conditions.